

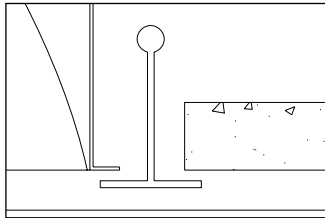
Features

- Efficiency 47.2%.
- Swing down microperforated lamp shield for easy relamping and maintenance.
- Alter soft white film on inside of mesh conceals lamp image providing balance between reflected and direct light.
- Fully recessed luminaire and lamp compartment.
- 95% Reflective Alter soft white paint finish.
- Specular interior reflector. (solid lamp shield only)
- One piece body for easy installation.
- Exclusive socket locks lamp into place.
- Easy access to ballast through lamp compartment.
- Fits standard T-Grid ceilings.

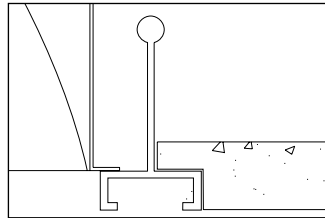


Mounting Methods / Features

Ceiling compatibility for G type luminaire e.g. QVS1GPFOS232120SO

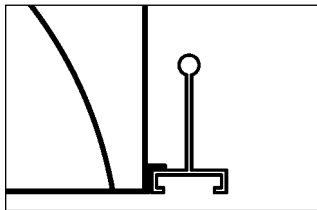


Suited to standard exposed T-grid ceilings



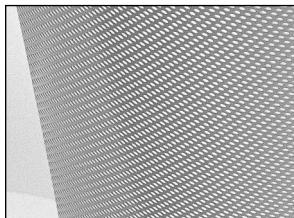
Suited to standard exposed Slot T-grid ceilings

T type luminaire
e.g. QVS1TPFOS232120SO

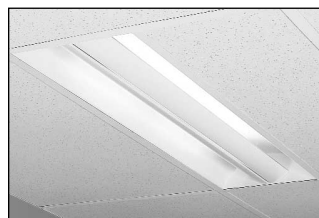


Construction specially designed for exposed slot T-grid to preserve the cove effect

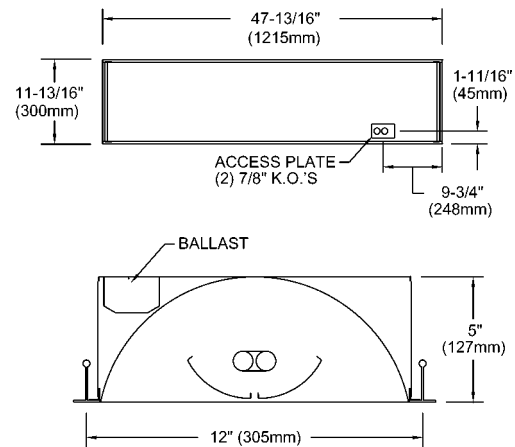
Microperforated mesh lamp shields



Also available with solid opaque swing-down lamp shield



Dimensions



Job Information

Type:

Job Name:

Cat. No.:

Lamp(s):

Volts/Ballast:

Lightolier a Genlyte Thomas Company

www.lightolier.com

Technical Information: (978) 657-7600 • Fax (978) 658-0595

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710

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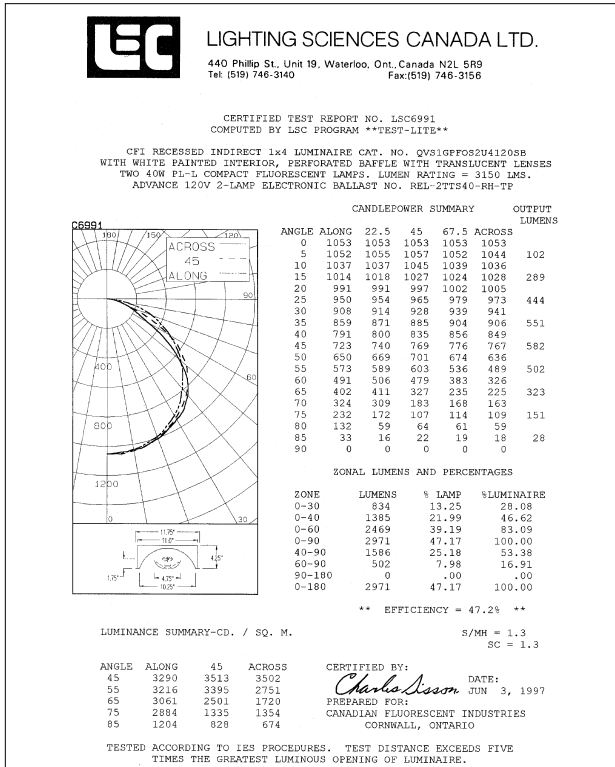
LIGHTOLIER®

ALTER SOFT LIGHTS QVS1GPFOS2FT

Page 2 of 2

1'x4' RECESSED DIRECT/INDIRECT FLUORESCENT
2 LAMP, TT5 BI-TUBE, 5" DEEP
MICROPERFORATED MESH LAMP SHIELD, STATIC

Photometry



LIGHTING SCIENCES CANADA LTD.
440 PHILLIP ST., UNIT 19
WATERLOO, ONTARIO CANADA N2L 5R9

CERTIFIED TEST REPORT NO. LSC6991
COMPUTED BY LSC PROGRAM **TEST-LITE**

CFI RECESSED INDIRECT 1x4 LUMINAIRE CAT. NO. QVS1GPFOS2U4120SB
WITH WHITE PAINTED INTERIOR, PERFORATED BAFFLE WITH TRANSLUCENT LENSES
TWO 40W PL-L COMPACT FLUORESCENT LAMPS, LUMEN RATING = 3150 LMS.
ADVANCE 120V 2-LAMP ELECTRONIC BALLAST NO. REL-2TTS40-RH-TF

Coefficients of Utilization

ZONAL CAVITY METHOD

EFFECTIVE FLOOR CAVITY REFLECTANCE = .20

CC WALL	80	70	50	30	10	0
70	.56	.50	.48	.47	.51	.49
50	.48	.47	.46	.47	.46	.44
30	.45	.44	.43	.44	.43	.42
10	.43	.42	.39	.41	.39	.37
0	.38	.42	.40	.38	.41	.39
70	.39	.38	.36	.35	.32	.36
50	.34	.32	.29	.40	.35	.31
30	.29	.27	.25	.30	.27	.25
10	.29	.26	.24	.21	.27	.24
0	.26	.23	.21	.26	.23	.21
70	.23	.21	.19	.31	.25	.21
50	.21	.19	.16	.22	.19	.16
30	.21	.18	.16	.21	.18	.16
10	.17	.14	.12	.20	.17	.14
0	.14	.12	.10	.16	.14	.13
70	.13	.12	.11	.13	.18	.15
50	.13	.12	.11	.13	.18	.15
30	.13	.12	.11	.13	.18	.15
10	.12	.11	.10	.13	.17	.15
0	.12	.11	.10	.13	.17	.15

RCR

0 .56 .56 .56 .55 .55 .55 .55 .52 .52 .52 .50 .50 .50 .48 .48 .48 .47
1 .52 .50 .48 .47 .51 .49 .47 .46 .47 .46 .44 .45 .44 .43 .44 .43 .42 .41
2 .48 .45 .42 .39 .47 .44 .41 .39 .42 .40 .38 .41 .39 .37 .39 .38 .36 .35
3 .44 .39 .36 .33 .43 .39 .36 .33 .37 .35 .32 .36 .34 .32 .35 .33 .31 .30
4 .41 .35 .32 .29 .40 .35 .31 .29 .34 .31 .28 .33 .30 .28 .32 .29 .28 .27
5 .37 .32 .28 .25 .36 .31 .27 .25 .30 .27 .25 .29 .26 .24 .28 .26 .24 .23
6 .34 .28 .24 .22 .34 .28 .24 .21 .27 .24 .21 .26 .23 .21 .26 .23 .21 .20
7 .32 .25 .21 .19 .31 .25 .21 .19 .24 .21 .18 .24 .21 .18 .23 .20 .18 .17
8 .29 .23 .19 .16 .29 .23 .19 .16 .22 .19 .16 .21 .18 .16 .21 .18 .16 .15
9 .27 .21 .17 .14 .26 .21 .17 .14 .20 .17 .14 .20 .16 .14 .19 .16 .14 .13
10 .25 .19 .15 .13 .25 .19 .15 .13 .18 .15 .13 .18 .15 .13 .17 .15 .12 .12

DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES
LUMINAIRE INPUT WATTS = 64.6
LABORATORY RESULT MAY NOT BE REPRESENTATIVE OF FIELD PERFORMANCE.
BALLAST FACTORS HAVE NOT BEEN APPLIED.

Ordering Information

Explanation of Catalog Number. Example: QVS1GPFOS2FT120SB

QVS	1	G		OS	2	FT			
QUALITY VISUAL STATIC Recessed direct indirect soft light optical system	FIXTURE WIDTH: 1'	CEILING TYPE: Standard exposed T-grid ceilings		LAMP SHIELD: PF = Microperforated SD = Solid OS = Open slot (no acrylic)	LAMP QUANTITY	LAMP/FIXTURE LENGTH: (NOMINAL 48") FT = TT5 Bi-Tube	VOLTAGE: 120V 277V 347V	BALLAST: BE = 50W Electronic TT5 RS BR = 40W Electronic TT5 RS BX = 40W Magnetic TT5 RS PB = 40W TT5 PowerSpec Dimming* PC = 50/55W TT5 PowerSpec Dimming* SB = 40W Generic Electronic TT5	OPTIONS: R = Radio Interference Filter O = Emergency Lighting System (for Canada) N = Emergency Lighting System (for U.S.)

Specifications

MATERIALS: One piece chassis constructed from die formed 20 gauge cold rolled steel. Reflectors - 95% reflectance baked white acrylic matte paint finish.

Specular interior reflector (only with solid shield). Soft white acrylic film on inside of lamp shield conceals lamp image.

FINISH: Chassis exterior - phosphate undercoating, baked white acrylic matte high reflectance paint finish.

ELECTRICAL: Rapid start HPF, thermally protected class "P" ballast (Bi-tube type).

If K.O.s are within 3" of ballast use wire suitable for at least 90C.

LABELS: Listed by



Job Information

Type:

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